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Attorney Docket No. TAN-295  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ) Group Art Unit: 1751  
)  
KOHIKI; KIYOSHIMA; MATSUSHIMA; ) Examiner: K. VIJAYAKUMAR  
SASAKI )  
)  
Serial No. 09/937,149 )  
)  
Filed: September 21, 2001 )  
  
For: **COMPOUND HAVING DOPANT INTRODUCED INTO VACANT  
LATTICE POINT WHILE CONTROLLING POSITION AND  
CONCENTRATION**

RECEIVED  
JAN 20 2004  
TC 1700

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

An Information Disclosure Statement is submitted herewith pursuant to 37 C.F.R. §1.97-1.98. Please note the following particulars:

[NOTE: One only of items a, b, c, and d must be checked.]

[ ] a. The enclosed statement is being filed within three months of the filing date of a national application, or within three months of the date of entry into the national stage as set forth in 37 C.F.R. §1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever event occurs last.

[ X ] b. The enclosed statement is being filed after a first action on the merits but before the mailing date of a final action under 37 C.F.R. §1.113, or a notice of allowance under 37 C.F.R. §1.311.

The enclosed statement is accompanied by [check one]:

- [ ] i. a certification in part (e) below as specified in 37 C.F.R. §1.97(e), or  
[x] ii. a check in the amount of \$180.00 required by 37 C.F.R. §1.17(p).

[ ] c. The enclosed statement is being filed after the mailing date of a final action under 37 C.F.R. §1.113, or a notice of allowance under 37 C.F.R. §1.311, but before payment of the issue fee.

PETITION: It is requested that the information being submitted be considered. [NOTE: If box (c) is checked, the following two boxes must be checked.]

☐ PETITION FEE: A check for \$130.00 required by 37 CFR §1.17(i)(1), is enclosed.

☐ CERTIFICATION is attended to in box (e) below.

☐ d. The enclosed statement is being filed pursuant to 37 C.F.R. §1.97(i), for placement in the file.

☐ e. Certification [Check one] [Certification is required only if box (b)(i) or box (c) is checked.]

☐ I hereby certify that each item of information contained in the enclosed Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

or

☐ I hereby certify that no item of information in the enclosed Information Disclosure Statement herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

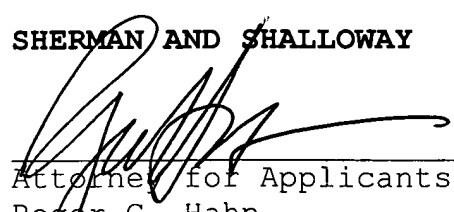
or

☐ Appropriate certification is attached.

☒ f. If no check is enclosed and a fee is due in connection with this communication or if the check enclosed is insufficient, the Commissioner is authorized to charge any fee or additional fee due in connection with this communication to Deposit Account No. 19-1980.

Respectfully submitted,

**SHERMAN AND SHALLOWAY**

  
Attorney for Applicants  
Roger C. Hahn  
Reg. No. 46,376

**SHERMAN AND SHALLOWAY**  
413 N. Washington Street  
Alexandria, Virginia 22314  
703-549-2282



Attorney Docket No. TAN-295  
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In re Application of: ) Group Art Unit: 1751  
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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

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JAN 20 2004  
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Pursuant to Applicant's duty of disclosure under 37 C.F.R. §§1.56 and 1.97-1.99, the documents listed on the attached Form PTO/SB/08A are being brought to the attention of the Examiner in charge of the above-identified application. A fee as required by 37 C.F.R. § 1.17(p) is enclosed.

Copies of the documents are attached herewith with a completed Form PTO/SB/08A. The Examiner is respectfully requested to cite the documents listed on the attached Form PTO/SB/08A in the next Office Action. In so doing, the Examiner is respectfully requested to initial in the space adjacent to the listing of each document on the Form PTO/SB/08A, and return a copy of the initialed Form PTO/SB/08A with the next communication to Applicants, to confirm that these documents have been considered by the Examiner and made

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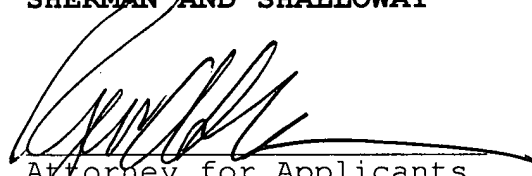
of record in this application.

If the Examiner has any questions or wishes to discuss this application, kindly telephone the undersigned at the below-listed number.

The Commissioner is hereby authorized to charge any deficiency or credit any excess to Deposit Account No. 19-1980.

Respectfully submitted,

**SHERMAN AND SHALLOWAY**

A handwritten signature in dark ink, appearing to be 'R. C. Hahn', written over a horizontal line.

Attorney for Applicants  
Roger C. Hahn  
Reg. No. 46,376

**SHERMAN AND SHALLOWAY**  
413 N. Washington Street  
Alexandria, Virginia 22314  
703-549-2282



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Applicant Number	09/937,149		
		Filing Date	September 21, 2001		
		First Named Inventor	KOHIKI		
		Art Unit	1751		
		Examiner Name	K. VIJAYAKUMAR		
Sheet		of		Attorney Docket Number	TAN-295

**RECEIVED**  
JAN 20 2004  
TC 1700

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		M. Marezio, "Refinement of the Crystal Structure of In <sub>2</sub> O <sub>3</sub> at two Wavelengths", Acta Crystallogr., 20, 723 (1966).	
		R. L. Weiher et al., "Optical Properties of Indium Oxide", Journal of Applied Physics, volume 37, number 1, January 1966, pp. 299-302.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.